

IETE



Project No: TOL001052030201

Project: Bioremediation Pilot Study

Client: AFCEE

Location: Site 24 - Vandenberg AFB

Northing(ft): 2100093.6

Borehole ID: HGL66(24PIW8-1)

Date: 10/09/2003

Geologist: M. Jackson

Checked By: D. Smith, R.G.

Ground Surface Elevation(ft msl): 459.7

Easting(ft): 5801074.6

SUBSURFACE PROFILE					SAMPLE			Water Level	Remarks
Depth	Symbol	Description	USCS	Elevation	Recovery %	Blow Counts	PID (ppm)		
2		Gravel with sand	FL						Pilot study injection well installed in boring.
4				455					
6		Clayey sand Dark yellowish brown, slightly moist, slightly dense, fine grained with some silt	SC	453	75	30/32/26	1.0		
8			CL	452					
10		Clay with sand Grayish black, moist, stiff, low plasticity	SP						
12					30	10/50 for 3"	3.2		
14		Poorly graded sand Pale yellowish brown, moist, slightly dense, 100% fine grained sand							
16		at 12' unit becomes grayish orange and moist to very moist			60	34/50 for 4"	4.3		
18		at 15' unit becomes light olive gray, very moist to saturated, 100% medium sand							
20		at 17.5' unit becomes pale yellowish brown, moist to very moist, with clay lenses			40	50 for 2"	5.5		
22		at 20' unit becomes light olive gray, very moist to saturated, with some interbedded clayey sand lenses	CL	437					Drilled to 22'. Sampled to 23.5'.
24				436	90	47/42/60	4.8		
26									
28		Sandy clay Pale yellowish brown to moderate yellowish brown, mottled, moist, very stiff, heavily burrowed, 10 - 15% medium sand							
30									
32									
34									
36									
38									
40									

Drilled By: Layne Christensen

Drill Method: Dual Tube

Drilling Equipment: AP 1000

Sampling Equipment: 2" x 18" CA Mod Split Spoon

HydroGeoLogic, Inc.

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Boring Diameter: 10"

Total Depth Drilled: 22'

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